Index of Claims



Application No.

09/921,230

Examiner

Cam Y T Truong

Applicant(s)

LARASON ET AL.
Art Unit

2162

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|  |          | _    | 1         | -         |          |          |          | J        |  | Ч        | ــــــــــــــــــــــــــــــــــــــ |          |       |          |          |          | _        |
|--|----------|------|-----------|-----------|----------|----------|----------|----------|--|----------|--|----------|-------|----------|----------|----------|----------|
| Cli  | aim      | Т    | -         |           |          | _        | Dat      | _        |  |          |  | 1 [      | Cla   | aim      | Г        |          | -        |
|  |          | 1901 | শ         |           |          | Г        | <u> </u> | Ť        | Γ  | Π        | Γ                                      | 1        |       |          |          | Г        | Τ        |
| Final  | Original | 100  |           |           |          |          |          |          | l  |          |  | l        | Final | Original |          | ı        | l        |
| 這  | ട്ര്     | E    | 4         |           |          | Ì        |          |          |  |          |  |          | ίΞ    | i Ĕ,     |          |          | 1        |
|  |          |      | 1         |           |          | L        | L        | <u></u>  |  | 乚        |  |          |       | !        |          |          | 1        |
| <u> </u>   | 1        | И    | 4         |           |          | ļ        | L.       | L        | L.   | _        | <u> </u>                               |          |       | 51       |          |          | ļ        |
|  | 2        | Н    | 4         |           |          | _        | <u> </u> | L        | ┞  | ļ        | ┡                                      |          |       | 52       | _        | _        | ļ        |
| -  | 3        | Н    | H         | _         |          | -        | <u> </u> | ⊢        | ⊢  | ├        | ⊢                                      | ┨        |       | 53       | $\vdash$ | _        | Ŧ        |
|  | 4        | Н    | H         | _         | _        | H        | _        | ⊢        |  | ├-       | ⊢                                      |          |       | 54       | <u> </u> | <u> </u> | +        |
|  | 5<br>6   | Н    | Н         | _         |          | -        | _        | $\vdash$ |  | ⊢        | _                                      | ┨╏       |       | 55       |          | <u> </u> | ł        |
|  | 7        | Н    | H         | -         | -        |          |          |          | <del>                                     </del> | ⊢        | ╁                                      | ┨        |       | 56<br>57 |          | -        | ╀        |
| -  | 8        | Н    | Н         | -         |          | $\vdash$ |          |          | H  | ╁        | -                                      | ┨        |       | 58       |          |          | ╁        |
|  | 9        | Н    | Н         | $\dashv$  |          | H        |          |          | ├  | ╁        | -                                      | 1        |       | 59       | $\vdash$ |          | t        |
| <del>                                     </del> | 10       | Н    | Н         | -         |          | H        |          |          | -  | $\vdash$ | $\vdash$                               | 1 1      |       | 60       | Н        | $\vdash$ | t        |
|  | 11       | Н    | +         | $\exists$ |          |          |          |          | -  | ├        | -                                      | 1        | _     | 61       |          | $\vdash$ | t        |
|  | 12       | Ħ    | +         |           |          |          |          |          | $\vdash$   | $\vdash$ | -                                      | 1 1      |       | 62       |          |          | t        |
|  | 13       | Π    | +         |           |          |          |          |          |  | -        | -                                      | 1 1      |       | 63       |          | Г        | t        |
|  | 14       | Π    | $\dagger$ | _         |          |          |          |          |  | <u> </u> |  |          |       | 64       | П        |          | t        |
|  | 15       | П    | 1         |           |          |          |          |          | Г  |          |  | 1        |       | 65       | П        |          | T        |
|  | 16       | П    | T         |           |          |          |          |          |  |          |  | 1 1      |       | 66       |          | $\Box$   | T        |
|  | 17       | П    | Т         |           |          |          |          |          |  |          |  |          |       | 67       |          | П        | T        |
|  | 18       | П    | Ι         |           |          |          |          |          |  |          |  | ] [      |       | 68       |          |          | Ι        |
|  | 19       | Ц    |           |           |          |          |          |          |  |          |  | ] [      |       | 69       |          |          | Γ        |
|  | 20       | Ц    | $\perp$   |           |          |          |          |          |  |          |  |          |       | 70       |          |          | L        |
|  | 21       | Ц    | 1         | _         |          |          |          |          |  |          |  |          |       | 71       |          | _        | L        |
| <u> </u>   | 22       | Ц    | 1         |           |          |          |          |          |  |          |  |          |       | 72       |          |          | L        |
| <u> </u>   | 23       | Ц    | 1         | _         |          |          | _        |          |  | _        | _                                      | ] ]      |       | 73       |          |          | L        |
| <u> </u>   | 24       | Н    | +         | 4         |          |          |          |          |  |          |  |          |       | 74       | -        |          | Ļ        |
|  | 25       | H    | +         | $\dashv$  | _        |          |          | _        |  | <u> </u> |  |          |       | 75       |          |          | L        |
|  | 26       | H    | +         | $\dashv$  |          |          |          | -        | <u> </u>   | <u> </u> | <u> </u>                               |          |       | 76       |          |          | ŀ        |
| -  | 27<br>28 | H    | +         | -         | _        | _        |          |          |  |          | <u> </u>                               | <b>!</b> |       | 77       |          |          | ╀        |
| <b></b>  | 29       | H    | +         | $\dashv$  |          | -        |          |          |  | $\vdash$ | ⊢                                      | -        |       | 78<br>79 |          | _        | ╀        |
| <u> </u>   | 30       | H    | +         | $\dashv$  | -        |          |          |          |  | ┝        |  |          |       | 80       | $\dashv$ |          | H        |
| <del></del>                                      | 31       | H    | +         | ┪         | -        | $\dashv$ |          | -        |  | 1        | -                                      | ╽┝       |       | 81       | $\dashv$ |          | H        |
| -  | 32       | Н    | ╁         | 7         | -        | -        |          |          | _  | $\vdash$ | -                                      | F        |       | 82       |          | _        | H        |
| 1  | 33       | H    | t         | _         | _        | $\dashv$ |          | _        |  | $\vdash$ |  | -        |       | 83       | $\dashv$ |          | H        |
| $\vdash$   | 34       | H    | †         | 7         | -        |          |          |          | _  |          | $\vdash$                               |          |       | 84       | $\dashv$ | _        | H        |
|  | 35       | Ħ    | †         | 1         | $\dashv$ | $\Box$   |          | _        | _  |          |  |          |       | 85       |          | _        | r        |
|  | 36       | Π    | T         | $\exists$ | $\neg$   |          |          |          |  |          |  |          |       | 86       |          | _        | Γ        |
|  | 37       |      | T         |           |          |          | $\neg$   |          |  |          |  |          |       | 87       | 寸        |          | Γ        |
|  | 38       | T    | Ι         |           |          |          |          |          |  |          |  |          |       | 88       |          |          | Γ        |
|  | 39       |      | Ι         |           |          |          |          |          | -  |          |  |          |       | 89       |          |          |          |
| $\perp$  | 40       |      | 1         | $\perp$   | ]        | ]        |          |          |  |          |  |          |       | 90       |          |          | Ĺ        |
| $\vdash \vdash$                                  | 41       |      | 4         | 4         | _        |          |          |          |  | Ш        |  |          |       | 91       |          |          | L        |
| $\vdash$   | 42       |      | 4         | 4         | _        | _        |          | _        |  | Ш        |  |          |       | 92       | _        | _        | L        |
| $\vdash$   | 43       | _    | +         | -         | 4        | _        | _        | _        |  | <u> </u> |  |          |       | 93       |          | _        | L        |
| $\vdash$   | 44       |      | +         | 4         | _{       |          | $\dashv$ | _        |  | $\Box$   |  |          |       | 94       | _        | _        | L        |
| <del>     </del>                                 | 45       |      | +         | +         | -        |          | -        | _        | _  | $\vdash$ | _                                      |          |       | 95       |          | $\dashv$ | $\vdash$ |
| $\vdash$   | 46       |      | +         | +         |          |          | -        | _        |  | $\vdash$ | $\dashv$                               | -        |       | 96       | -        |          | L        |
| -  | 47<br>48 | _    | ╀         | +         | $\dashv$ | $\dashv$ | -        |          |  | $\dashv$ | _                                      | -        |       | 97       | $\dashv$ | $\dashv$ | H        |
| $\vdash$   | 49       | _    | +         | +         | $\dashv$ |          | $\dashv$ | -        | $\dashv$   | $\dashv$ |  |          |       | 98<br>99 | $\dashv$ | $\dashv$ | $\vdash$ |
|  | 50       |      | +         | +         | $\dashv$ | -        | $\dashv$ | -        | -  | -        |  | ŀ        |       | 100      | $\dashv$ | $\dashv$ | $\vdash$ |
| ш  | 50       |      | 1         |           |          |          |          |          |  |          |  | L        |       | 100      | 1        |          | _        |

|          | aim            | 1            | Date         |          |          |  |              |  |          |          |  |  |  |
|----------|----------------|--------------|--------------|----------|----------|--|--------------|--|----------|----------|--|--|--|
| - 0      | 1              | ╀            | Т            | т        | т-       | Tat  | <del>e</del> | т  | Т        | т-       |  |  |  |
| Final    | Original       |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 51<br>52       |              | Π            |          | П        | Г  |              |  |          | П        |  |  |  |
|          | 52             | Π            | Π            |          |          | Ī  | Π            |  |          | П        |  |  |  |
|          | 53             |              |              |          |          |  |              | 1  |          |          |  |  |  |
|          | 54             |              |              |          |          |  | П            |  |          |          |  |  |  |
|          | 54<br>55       |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 56             |              |              | L        | L        |  |              |  |          |          |  |  |  |
|          | 57             | L            |              |          |          |  |              |  |          |          |  |  |  |
|          | 58             | L            |              |          |          |  | L            | L  | L        | _        |  |  |  |
|          | 59             |              |              | ┖        | L        |  |              |  |          |          |  |  |  |
| <u></u>  | 60             | L            | $oxed{oxed}$ |          | <u>L</u> |  | <u> </u>     | L  |          | L        |  |  |  |
| L        | 61             |              |              |          |          |  | L            | _  | L        | _        |  |  |  |
|          | 62             | ┖            | ┖            | _        | <u> </u> | <u> </u>   |              | 丄  | _        | _        |  |  |  |
|          | 63             | _            | ┖            |          | <u> </u> | <u> </u>   |              | _  | <u> </u> | _        |  |  |  |
|          | 64             | _            |              | _        |          | _  | ļ.,          |  | _        | _        |  |  |  |
|          | 65             | <u>_</u>     | ┖            | <u> </u> | _        | <u> </u>   | Ļ            | <u> </u>   | <u> </u> | <u> </u> |  |  |  |
|          | 66             | _            | L            | ↓_       | <u> </u> | ┖  | <u>L</u> .   | _  | <u> </u> | <u> </u> |  |  |  |
|          | 67             |              | _            | <u> </u> | ļ        | ╙  | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> |  |  |  |
| _        | 68             | L            | <u> </u>     | <u> </u> |          | _  | L.           | <u> </u>   | ļ        | <u> </u> |  |  |  |
| <u> </u> | 69             | ┞            | <u> </u>     | L        | _        | <u> </u>   | _            | <u> </u>   | ļ        | <u> </u> |  |  |  |
|          | 70             | _            | <u> </u>     | ļ        | <u> </u> | <u> </u>   | <u> </u>     | ļ  | <u> </u> |          |  |  |  |
|          | 71             |              | <u> </u>     | ļ        | <u> </u> | ┡  | ╙            | ļ  | <u> </u> | <u> </u> |  |  |  |
| <u> </u> | 71<br>72<br>73 | <u> </u>     | _            | _        | _        |  | _            | <u> </u>   |          | <u> </u> |  |  |  |
| <u></u>  | 73             | <u> </u>     |              | <u> </u> | <u> </u> |  | _            | _  | _        | _        |  |  |  |
|          | 74<br>75       | -            | -            | $\vdash$ | ⊢        | ⊢  | _            | <u> </u>   | <u> </u> | <u> </u> |  |  |  |
|          | 75             | ├            | -            | ├-       | ├        | -  | -            | -  | -        | ⊢        |  |  |  |
|          | 76<br>77       | -            | ├            | ├        | ├        | ├-   | -            | ┢  | ⊢        | ├        |  |  |  |
|          | 78             | <u> </u>     | $\vdash$     | ├        | ├        | ⊢  |              | ┢  | $\vdash$ | ⊢        |  |  |  |
| -        | 79             | <u> </u>     | $\vdash$     |          |          | ┢─   | -            | ├  | H        | $\vdash$ |  |  |  |
| <b>-</b> | 80             |              | $\vdash$     | H        | ┝        | ├  |              | -  | $\vdash$ |          |  |  |  |
| <u> </u> | 81             |              |              | -        | ┢        | <del>                                     </del> | -            | $\vdash$   | $\vdash$ | ├        |  |  |  |
|          | 82             |              | $\vdash$     | -        |          | <del>                                     </del> | H            | ┢  | ┢        | ┝        |  |  |  |
| <b>—</b> | 83             |              | $\vdash$     |          | -        | ┢  | -            | $\vdash$   | -        | -        |  |  |  |
|          | 84             | $\vdash$     | $\vdash$     | _        |          | H  |              | <del>                                     </del> | 一        | ┢        |  |  |  |
|          | 85             | <del> </del> |              | 1        |          |  | -            | ┢  | $\vdash$ | $\vdash$ |  |  |  |
| <u> </u> | 86             | _            | -            | H        |          |  | <b>—</b>     | $\vdash$   | ,        |          |  |  |  |
|          | 87             | $\vdash$     | $\vdash$     | _        | H        | t  |              | _  |          |          |  |  |  |
|          | 88             |              |              | $\vdash$ | Г        | _  |              | -  |          |          |  |  |  |
|          | 89             |              |              |          | -        | 1  | $\vdash$     |  |          |          |  |  |  |
|          | 90             |              |              |          |          |  | _            |  |          |          |  |  |  |
|          | 91             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 92             |              |              |          |          |  |              | Ĺ  |          |          |  |  |  |
|          | 93             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 94             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 95             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 96             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 97             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 98             |              |              |          |          |  |              |  |          |          |  |  |  |
|          | 99             |              |              |          |          | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        | Ш            |  |          |          |  |  |  |
|          | 100            |              | L            |          |          |  |              |  |          |          |  |  |  |

| CI       | Date                                   |  |          |                 |          |                    |  |  |              |          |
|----------|--|--|----------|-----------------|----------|--------------------|--|--|--------------|----------|
|          |  | Г  |          | Γ               | П        | Ī                  | П  |  |              |          |
| TO       | Original                               |  |          |                 |          |                    |  |  | 1            |          |
| Finat    | rigi                                   |  | l        |                 |          |                    |  |  |              |          |
|          | 0                                      |  |          |                 | l        | 1                  |  |  | ĺ            |          |
| _        | 101                                    | <u> </u>   | 一        | $\vdash$        |          | H                  | $\vdash$   | <del>                                     </del> | <del> </del> | Н        |
|          | 101<br>102                             | <del>                                     </del> | $\vdash$ | $\vdash$        | $\vdash$ |                    | $\vdash$   | 1  | <del> </del> | Н        |
|          | 103                                    | 一  | ┢        | ╁               | $\vdash$ | H                  | $\vdash$   | ╁  | ┼            | Н        |
|          | 103<br>104<br>105                      |  |          | -               | -        | ┢                  | 1  | $\vdash$   | _            | Н        |
|          | 105                                    | ┢  |          | ┢               | $\vdash$ | $\vdash$           | H  | <del>                                     </del> | <del> </del> | Н        |
|          | 106<br>107<br>108                      |  | -        |                 | ┢        | $\vdash$           | H  | <del> </del>                                     | $\vdash$     | Н        |
|          | 107                                    | <del>                                     </del> | $\vdash$ | $\vdash$        | ┪        | 一                  | t  |  | t            | Н        |
|          | 108                                    | $\vdash$   | $\vdash$ | t               | $\vdash$ | $\vdash$           | t  | $\vdash$   | t            | Н        |
|          | 109                                    |  |          | T               | $\vdash$ | t -                |  | ✝  | $\vdash$     | Н        |
|          | 109<br>110                             |  |          | İ               |          | ┢                  | $\vdash$   | T  | t            | Н        |
|          | 111                                    |  |          |                 |          | Т                  | <del>                                     </del> | <u> </u>   |              |          |
|          | 112                                    |  |          |                 |          | Т                  | $\vdash$   | <b></b> -  |              |          |
|          | 113                                    |  |          | T               | Γ        | П                  |  | t  | T            | П        |
|          | 111<br>112<br>113<br>114<br>115        |  |          |                 |          | П                  | T  | t  |              | П        |
|          | 115                                    |  | Г        | T               | Γ-       | Π                  |  | 1  |              | П        |
|          | 116                                    |  |          | i               |          |                    |  | T  | П            | П        |
|          | 117<br>118<br>119                      |  |          |                 |          |                    |  | İ  |              | П        |
|          | 118                                    | _  |          |                 |          |                    |  |  |              | П        |
|          | 119                                    |  |          |                 |          |                    | Г  |  |              | П        |
|          | 120                                    |  |          |                 |          |                    |  |  |              | П        |
|          | 120<br>121                             |  |          |                 |          |                    |  |  | Г            | П        |
|          | 122                                    |  |          |                 |          |                    |  |  |              |          |
|          | 123                                    |  |          |                 |          |                    |  |  |              |          |
|          | 122<br>123<br>124<br>125<br>126<br>127 |  |          |                 |          |                    |  |  |              |          |
|          | 125                                    |  |          |                 |          |                    |  |  |              |          |
|          | 126                                    |  |          |                 |          |                    |  |  |              |          |
|          | 127                                    |  |          |                 |          |                    |  |  |              |          |
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|          | 134                                    |  |          |                 |          | <u> </u>           |  |  |              |          |
|          | 135                                    |  |          | $\Box$          |          |                    |  |  | $\Box$       | Ш        |
|          | 136                                    |  | Щ        |                 |          | $ldsymbol{\sqcup}$ | <u> </u>   | <u> </u>   | Ŀ            | Щ        |
|          | 137                                    | _  |          | Ш               |          | Щ                  | <u> </u>   | <u> </u>   | <u> </u>     | Щ        |
|          | 138                                    |  |          |                 |          | Ш                  |  | $\vdash$   | Щ            | Щ        |
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|          | 140                                    |  |          | Ш               |          | L                  | L_   | $\vdash$   | Щ            | Щ        |
|          | 141                                    |  | _        | Щ               |          | Ш                  | _  | <u> </u>   | Ш            |          |
|          | 142                                    | $\square$  | Ь.,      | Ш               |          | Щ                  | $\vdash$   | $\vdash$   | Щ            |          |
| $\dashv$ | 143                                    | _  |          | $\vdash \vdash$ |          | Н                  | <u> </u>   |  | Ш            | Щ        |
|          | 144                                    | _  |          | Ш               |          | Ш                  |  | $\vdash$   | $\vdash$     | $\dashv$ |
|          | 145                                    |  | Ш        | $\Box$          |          | Ш                  |  | <u> </u>   | Щ.           | _        |
|          | 146                                    |  | _        | $\sqcup$        |          | Щ                  |  | <u> </u>   | Ш            | $\dashv$ |
|          | 147                                    | _  |          | -               |          |                    |  | _  | Ш            | _        |
|          | 148                                    | _  | _        | $\sqcup$        |          | -                  | Ļ.   |  | Щ            | $\dashv$ |
|          | 149                                    | _  | _        | -               |          | -                  |  |  | $\sqcup$     | _        |
| l        | 150                                    |  |          |                 |          | Ш                  |  | L  |              |          |